BRUHAT BANGALORE MAHANAGARA PALIKE

Rajarajeswari Nagara Zone

Name Of Work : Construction of Footpaths Drains in Ward No 17 RR Nagar Constituency

SCHEDULE OF RATES

Sl No	Description of Work	Unit	Quantity	Rate in Rs	Rate in Figure
1	Dismantling Mangalore tiles roof A.C. sheet roofing and salvaging the materials within a radius of 50 meters.	Sqm	1104.00	106.92	Rupees One Hundred Six And Paise Ninety Two Only
2	KSSR: 34.2(a) Dismantling of existing structures like footpath, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including TOR and scaffolding wherever necessary, leaving the dismantled material, disposal of unserviceable materials and stacking the serviceable material with all lifts, complete, as per specifications. (a) Dismantling brick Tile work. (i) In cement mortar. MAC'ls Specification No. 202	Cum	363.20	379.08	Rupees Three Hundred Seventy Nine And Paise Eight Only
3	KSSR: 6.10(a) Haulage of materials by tipper excluding time of loading, unloading and stacking complete as per specifications MAC/FIN -100 Chapter 1 (Spec-I) Unmetalled (Unmetalled Road) (Item No 17.3, Pg No 136)	T-Km	544.93	34.02	Rupees Thirty Four And Paise Two Only
4	KSSR: 32.2 Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits, trenches or pits or in trenches 1.5m and above in width not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking for clods complete as per specifications specification No KBS 2.10(a) 2.3.5 (In Ordinary Soil)	Cum	635.28	322.92	Rupees Three Hundred Twenty Two And Paise Ninety Two Only
5	KSSR: 32.2 Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits, trenches or pits or in trenches 1.5m and above in width not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking for clods complete as per specifications specification No KBS 2.10(c) 2.3.5 (In Hard Soil)	Cum	624.85	484.92	Rupees Four Hundred Eighty Four And Paise Ninety Two Only
6	KSSR: 6.1.3 Providing and laying in position plain cement concrete of min. 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No KBS 4.1, 4.2	Cum	466.51	5583.06	Rupees Five Thousand Five Hundred Eighty Three And Paise Six Only
7	KSSR: 6.2.2 Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.450 cum, with super plasticizer @ 3 litres conforming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspilllars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications Specification No. KBS 4.1, 4.6.	Cum	573.86	6241.32	Rupees Six Thousand Two Hundred Forty One And Paise Thirty Two Only
8	KSSR: 6.6.1 Providing and removing centering, shuttering, strutting, propping etc and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications Specification No. KBS 6.6.2.	Sqm	1076.40	278.64	Rupees Two Hundred Seventy Eight And Paise Sixty Four Only

No of corrections - NIL

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	KSR 4 4 5 Providing and removing centering, shuttering, propping etc. for columns, pillars, post and struts, square, rectangular, polygon in plan including cost of all materials, labour complete as per specifications. Specification No: KBS 4 6 2	Sqm	1737.77	493.48	Rupees Four Hundred Ninety Two And Paise Forty Eight Only
10	KSRB 5 2 1 Providing and constructing granite / trap / basalt rock stone masonry in foundation with cement mortar 1:6, coarse hammered dressed in courses not less than 20 cms high, head stones at two m apart in each course including cost of materials, labour, curing complete as per specifications KBS 5 1 11	Cum	476.23	4997.10	Rupees Four Thousand Nine Hundred Ninety Seven And Paise Ten Only
11	KSRB 2 1 Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m and lift upto 1.5 m including cost of all labour complete as per specifications specification No: KBS 2 9	Cum	511.03	217.08	Rupees Two Hundred Seventeen And Paise Eight Only
12	KSRB 2 5 Earthwork excavation in soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications specification No KBS 2 9 9 / 2 9 10 1 / 2 11	Cum	372.88	435.24	Rupees Four Hundred Thirty Five And Paise Twenty Four Only
13	KSRB 5-11 Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) 2005 and constructed with CM 1:4 , as per IS 2572.2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications KBS No 5.4,	Sqm	4309.40	1041.95	Rupees One Thousand Forty One And Paise Ninety Five Only
14	KSRB 5-11 Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) 2005 and constructed with CM 1:4 , as per IS 2572.2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications KBS No 5.4,	Sqm	1316.43	877.53	Rupees Eight Hundred Seventy Seven And Paise Fifty Three Only
15	KSRB 4 9 2 Providing TMT Bars of Fe 500 steel reinforcement for R C C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, fixing with binding wire and anchoring to the adjoining members wherever necessary complete as per design, (laps and wastages shall not be measured and paid) cost of materials, etc complete as per specifications (I No,4 46 2)	Tonne	84.53	69562.80	Rupees Sixty Nine Thousand Five Hundred Sixty Two And Paise Eighty Only
16	KSRB 4 2 10 Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs. with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications Specification No. KBS 4.1, 4.6, Item No: 4.19, Pg No:15.	Sqm	513.88	484.92	Rupees Four Hundred Eighty Four And Paise Ninety Two Only
17	KSRB 4-2 12 : Extra for providing throating or drip moulding to R C C. chajja with plastering (labour charges only) as per specifications Specification No: KBS	Rt	807.30	35.64	Rupees Thirty Five And Paise Sixty Four Only
18	KSRB 4-6 10 Providing and removing centering, shuttering, strutting, propping etc, and removal of form work for Chejja etc , including cost of all materials, labour complete as per specifications including all lead and lift charges etc , complete as per directions of Engineer in charge.	Sqm	513.88	348.84	Rupees Three Hundred Forty Eight And Paise Eighty Four Only

No. of corrections - NIL

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19	Providing and laying in position reinforced concrete of Design mix M20 with OPC cement @ kgs. with 20mm and down size graded granite metal coarse aggregates @0 69cum and fine aggregtes @ 0 460 cum with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4 1, 4.6	Cum	415.10	6492.96	Rupees Six Thousand Four Hundred Ninety Two And Paise Ninety Six Only
20	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2.	Sqm	3338.91	315.36	Rupees Three Hundred Fifteen And Paise Thirty Six Only
21	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification. Specification No. KBS 4.6.2.	Sqm	1918.89	475.20	Rupees Four Hundred Seventy Five And Paise Twenty Only
22	Providing and fixing RCC door frames factory manufactured, with C.C. 1:1 1/2 :3 reinforced with 3 Nos. of 6 mm dia. Main bars and 6 mm dia. Stirrups welded at 30 cm C/C, vibrating, curing including cost of steel and fabrication charges having 3 Nos. of hinges with 20mm x 3mm M.S. flat welded with required iron rods and flats with drilling and fixing 4 No.of flat screw nuts each in concrete for fixing hinges and making necessary provision in concrete for fixing aldrops, tower bolts etc., including cost of one coat of oil based enamel primer, 4 No.of hold fasts, 3 Nos. ISS Iron oxidised hinges necessary metal screws etc., complete. 60mm x 100 mm size-Door frames.	M	414	941.76	Rupees Nine Hundred Forty One And Paise Seventy Six Only
23	Providing and fixing 65mmx125mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM) U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0mm. The doorframe consists of four segments, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement on 6 locations for high screw holding capacity for fixing metalling hold fast and shall be consolidated by filling with medium density foam/Plaster of Paris with fibre reinforcement Six Numbers of 260mmx25mmx5mm sizeS shaped M.S. flat hold fast shall be provided with the frame.	M	414.00	594.00	Rupees Five Hundred Ninety Four Only

No. of corrections - NILL

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24	and fixing factory made single leaf rigid GRP moulded composite door shutter of 32mm thick laminated with two GRP skins with wood grain finish, fabricated using U.V. stabilized Isophthalic Gelcoat and on layer of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthophthalic polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20 kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 25mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the Salwood reinforcement and the skins. The material and process for manufacturing the door shutters shall confirm to RAC TIFAC Composites Design centre Standards and Specifications and the door shutters tested in confirmation to IS 4020-1994. The finish of shutter will be plain colour White Ivory Beige Light Grey or any other colour using high	Sqm	225.58	3240.00	Rupees Three Thousand Two Hundred Forty Only
25	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65-80mm size complete as per manufacturers specification & direction of Engineer-in-charge	sqm	207.00	505.44	Rupees Five Hundred Five And Paise Forty Four Only
26	Supplying and fixing of PVC door shutters made of 20mmx200mm with the wall thickness of 1.0mm+/-0.1mm equally divided into 4 nos with tongue and groove locking arrangements. The shutter frame is made of 58x24mm with the wall thickness of 1.5mm+0.15mm section metricut and jointed at 4 corners with 125mm x 225mm 2 Nos of 8mm PVC reds. Teak wood battoms shall be reinforced inside the door shutter during the fabrication of the door shutters at those points whevere the hardware is fixed on to the door shutter, as per specifications	Sqm	207.00	1927.80	Rupees One Thousand Nine Hundred Twenty Seven And Paise Eighty Only
27	Steel Windows with grill for residential buildings Providing and fixing of windows made of pre-painted steel (base steel as per IS 513 of 0.58mm tick galvanized as per IS 277 with zinc of 120GSM) Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7microns thick alkyd backer. Section for outer frame should be of 48x50mm, centre mullion should be of 48x50mm, section for shutter should be of 48x25mm and fixed glass beading section should be of 12x12mm. Outer frame and mullions to have rebate for glazed shutter and a 20mm provision for guard bars/grills. The sections are to be cut to length mitre joined with corner bracket. Centre mullion is to be fixed with mullion cap. Handle stay 2Nos of stainless steel heavy duty pivot hinges shall be provided for shutter. The window should be panelled with 5mm thick plain float glass. Rubber gaskets are to be provided all around the glass. The above frames should be fixed to the concrete/ masonry wall by means of self expanding screws, including 10mm square guard bars with 6"	Sqm	208.04	4058.64	Rupees Four Thousand Fifty Eight And Paise Sixty Four Only
28	Providing and laying plat form using prepolished, water cut / gang saw 40mm thick telephonic Black Granite laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including curing.	Sqcm	120.06	3807.00	Rupees Three Thousand Eight Hundred Seven Only

NO. of corrections - NILL

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29	Making and Fixing Stainless Steel sink of sizes upto 610x460 x 255mm on 20mm thick granite slab of by cutting required thickness and width of grooves and fixing using adhesives etc complete including cost and conveyance of all materials, labour for all items of work, 10.0kl of equipment with all lead and lift loading and unloading, transportation charges and all other incidental charges etc., complete as per specifications and directions of the Engineer-in-charge of the work	Each	69.00	5871.96	Rupees Five Thousand Eight Hundred Seventy One And Paise Ninety Six Only
30	KSRBIS-3-13 Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	2795.88	284.96	Rupees Two Hundred Fifty Four And Paise Ninety Six Only
31	KSRB 15-3.3 -Providing 12mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering including Providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification	Sqm	7981.40	208.41	Rupees Two Hundred Eight And Paise Forty Four Only
32	KSRBIS-7 Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications	Sqm	10777.28	34.56	Rupees Thirty Four And Paise Fifty Six Only
33	KSRB 15-3.9 Providing 18 mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering Providing and removing scaffolding, including cost of materials, labour, curing etc., complete as per specifications for Out side plastering.	Sqm	6128.58	266.43	Rupees Two Hundred Sixty Six And Paise Forty Three Only
34	KSRBIS-3.10 Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Each	2277.00	316.58	Rupees Three Hundred Sixteen And Paise Fifty Eight Only
35	KSRBIS-4.6.1 Extra for providing and mixing waterproofing compound in cement plaster for brick masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3, 20mm thick cost of materials complete as per specifications	Sqm	2277.00	12.96	Rupees Twelve And Paise Ninety Six Only
36	KSRB 14.7-2 Providing and laying red oxide flooring 40 mm thick, with an under layer of 30mm thick M-15 cement concrete using broken granite metal of 12.5mm nominal size and top layer of 10mm thick plaster with 1:3 cement mortar mixed with red oxide (using 1.5 kg of red oxide per 50 kg of cement) finished with floating coat of neat cement mixed with red oxide (mix of same proportion) , including cost of materials, labour, curing, complete as per specifications Specification No KBS 14.3	Sqm	1870.59	718.20	Rupees Seven Hundred Eighteen And Paise Twenty Only
37	KSRB 15-14.1 Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications	Sqm	10777.28	118.80	Rupees One Hundred Eighteen And Paise Eighty Only
38	KSRB 15-16.1 KSRB 15-16.1 Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications	Sqm	6128.58	110.16	Rupees One Hundred Ten And Paise Sixteen Only
39	KSRBIS-6.1.1 Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials labour and 10.0kl of equipments with all leads complete as per specifications Specification No KBS 10.2.2/13.1/13.2.1)	Each	207.00	205.20	Rupees Two Hundred Five And Paise Twenty Only

No of corrections NIL

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	[illegible] and Socket Chlorinated Poly Vinyl Chloride (CPVC) conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and thread transition fittings including fixing the pipe with clamp @ 1.5m [illegible] etc. The inclusive painting of pipes and fittings with one coat of PVC solvent cement & the cost of cutting chases & pugging good the same including making of joints complete in concealed work including cutting chases and good the walls etc. (1 No.)	Rmtr	614.40	253.00	Rupees Two Hundred Fifty Three And Paise Eighty Only
45	Providing and fixing CI flanges ms of approved make conforming to ISI specifications and construction of Chases in RCC as per directions (Rate is inclusive of cost of materials and loaders and conveyance of materials to work spot) - 10mm x 7.5cms	Nos	138.00	270.00	Rupees Two Hundred Seventy Only
46	Providing and fixing 7.5 - 10 cm (3 inch) gratings 150mm dia	Each	138.00	162.00	Rupees One Hundred Sixty Two only
47	"SPECIAL" Providing and fixing in wall, ceiling and floor high density polyethylene pipes 6.00 kg/sq.cm working pressure (160mm) outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, TCBV of experiments and testing complete as per specifications. Specification No.IS/IS 12 / 12	MT	402.30	642.60	Rupees Six Hundred Forty Two And Paise Sixty Only
48	Making wall holes in block masonry for soil/water pipes including making with brick or CM 1:4 for block masonry wall up to 0.45m width and as directed by Engineer in charge of the work.	Each	207.00	136.08	Rupees One Hundred Thirty Six And Paise Eight Only
49	Providing and fixing white vitreous china clay, water closet Indian type squatting pan of size 580mm with footrests, (IS: 1 or 2 trap, unprinted mallet cutting and making good the wall and floor wherever required, including cost of materials, labour etc.	Nos	69.00	1437.48	Rupees One Thousand Four Hundred Thirty Seven And Paise Forty Eight Only
50	Supplying and wiring adopting loop system in existing PVC Conduit casing capping casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.5 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire conforming to IS-694 and latest amendments) without control switch shall be fixed on the existing plastic sheet gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. Short point upto 3 Mtr from tapping point to outlet via switch.	Each	345.00	160.00	Rupees One Hundred Sixty Only
51	Supplying and wiring adopting loop system in existing PVC Conduit casing capping casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.5 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire conforming to IS-694 and latest amendments) without control switch shall be fixed on the existing plastic sheet gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. Medium point above 3Mtr upto 6Mtr from tapping point to outlet via switch.	Each	345.00	250.00	Rupees Two Hundred Fifty Only
52	Supplying 5A flushprojected type socket and 5 amps flushprojected type 5a switch either surfaceflush mounting on a existing panel box or on a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required.	Each	207.00	112.00	Rupees One Hundred Twelve Only
53	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.	Each	207.00	77.00	Rupees Seventy Seven Only
54	Supplying 4mm thick plastic sheet with necessary notches for fixing switches regulator etc. and fixing on existing wooden or metal box using G.I screws	Sq.M	112298.00	0.27	265 Rupees And Paise Twenty Seven Only
55	Supplying and fixing 5 Amps lamp holder	Each	690.00	58.00	Rupees Fifty Eight Only
56	Supplying and fixing of round or oblong type bulk head fitting with cover other approved make	Each	69.00	61.00	Rupees Sixty One Only
57	Supplying and fixing of Modular MCB Services (Segment) With Necessary connection of 16A, 10-32Amps TP	Each	69.00	668.00	Rupees Six Hundred Sixty Eight Only

No of corrections - 02

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	fixing polished wood board made of not less ...n thick plank on both sides with planks made out of ...s than 2 pieces and fixing the same to the wall using ...d inverted wooden plugs screws etc. 8"*8"*8"	Each	60.00	64.00	Rupees Sixty Four Only
55	Concealed Conduit System Supplying heavy gauge PVC conduit pipe ... mm dia ... mm thick confirming to IS ...gs with suitable size bends,metal PVC junction boxes, adhesive paste etc , and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG 19/20mm dia 20mm thick.	Mtr	1725.00	40.00	Rupees Forty Only
56	Concealed Conduit System Supplying heavy gauge PVC Conduit Pipe ... dia ... mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 19/20mm dia 20mm thick.	Mtr	1725.00	51.00	Rupees Fifty One Only
57	Supplying and fixing polised wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc. 12"*12"*12.	Nos	138.00	150.00	Rupees One Hundred Fifty Only
58	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc complete . 16amps	Nos	138.00	117.00	Rupees One Hundred Seventeen Only
59	Earthing: Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia	No	69.00	2999.70	Rupees Two Thousand Nine Hundred Ninety Nine And Paise Seventy Only
60	KSRB13-9.5 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 75mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9.	Mtr	367.08	459.00	Rupees Four Hundred Fifty Nine Only
61	KSRB 2-2 1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5	Cum	160.22	322.92	Rupees Three Hundred Twenty Two And Paise Ninety Two Only
62	KSRB13-9.7 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq cm working pressure 110mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9	m	414.00	642.60	Rupees Six Hundred Forty Two And Paise Sixty Only

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63	...structing brick masonry inspection cha... ...and 450mm depth, (clear inside dimension) ... pipeline using table moulded non-modular bri... ...designation 50 in cement mortar 1:5, C I cover w... (light duty) 455x610mm internal dimensions, total ... cover with frame to be not less than 38 kg (weight o... 23kg and weight of frame 15 kg) R C C top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications Specification No. KBS 450x300mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C I cover withframe (light duty) 450x300mm	Nos	69.00	4104.00	Rupees Four Thousand One Hundred Four Only
64	Refilling available earth around pipelines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead up to 50m. And lift up to 1.5m including cost of all labour complete as per specifications allow 60% of rate considered under item KSRB 2.3 (Qty Same As I.No. 1)	Cum	160.22	130.68	Rupees One Hundred Thirty And Paise Sixty Eight Only

No. of corrections - NILL

Executive Engineer
RR Nagar Division

Total No. of pages - 08

Total No. of corrections - 02

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(36)

BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work : Construction of Individual Houses in Ward No 17 RR Nagar Constituency

ABSTRACT

NO	DESCRIPTION OF WORK	AMOUNT
A	HOUSING	
1	Building Estimate	3,95,37,839.19
2	Internal Water Supply	1,47,549.60
3	Internal Sanitary For	4,84,044.66
4	Internal Electrical For	7,06,700.00
5	External Sanitary For	7,90,377.00
	Sub Total	4,16,66,510.45
	TP 5 %	20,83,325.52
	ADD GST 12%	52,49,980.32
	DPR 1 %	5,00,000.00
	PMC 1 %	5,00,000.00
	Miscellaneous, Roundingoff & Unforeseen Charges	183.71
	Grand Total	5,00,00,000.00

Consultants

Assistant Engineer
Ward No 17

Assistant Executive Engine
Yashwanthapura-Sub Divisi

Executive Engineer
RR Nagar Division

124 dated: 10/7/2020
Rs. 5000000/- (Five
crore only)
received.

TECHNICAL SANCTION

Rs. 500,00,000/- (Rs Five crore only) is accorded under the head: P-3715

By CE(R.R.N.) P.N. 74-75
Registered as CE (R.R.N) No. 293/20-21 subject to conditions contained in enclosed memo No: 293/20-21 Dt. 31/12/2020

CE (R.R.N)

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